

Fermilab Computing Sector

About

Services

Science & Computing

Internal

Request for Fermilab Visitor ID and computer accounts

There are 5 pull-down menus.

Provide your affiliation : select E-1000 in the 1st pull-down which asks for your experiment – it is there.

Provide your information : select something as close as you care in the 2nd (professional class)

Provide Fermilab contact person information : I am your contact (Stephen Pordes,+1 630 840 3603, stephen@fnal.gov)

Select a user name for your Fermilab accounts : do not miss the security question (3rd pull down). Most people will not need a cryptocard –select No unless you know you need one (4th pull-down)

Your initial Kerberos & Services Account password : **please note** the account is not setup even though you have the initial password

At the very bottom, you are asked if you have read and agree to abide by the rules in the Fermilab Policy on computing (pull down 5).

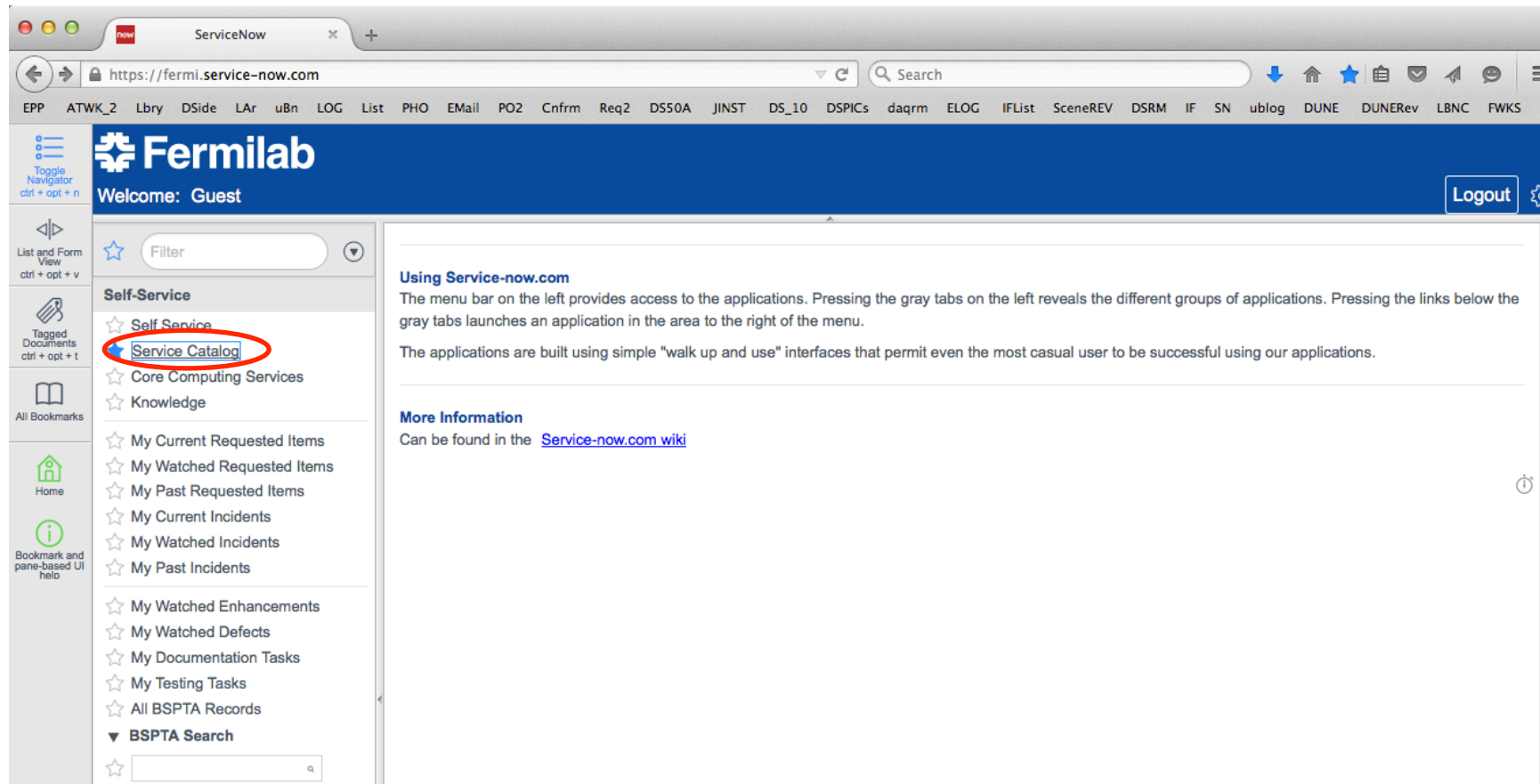
This form generates a mail to me and Cristiano to approve the account. You should get a mail that your account has been setup within one working day of the 'account approve' mail that I or Cristiano send.

When you have your Fermilab general account, for analysis you need an account on the DS50 servers.To get this see the following pages.

If you want to work on the DAQ machines, please send a mail to ds50-artdaq@fnal.gov (from a .edu, .infn.it, or fnal .gov address)

Once you have your email to say you have your `services` account, go to `fermi.service-now.com` – login to service-now with your username and password. If you don't see this page, and there is no guarantee you will because service-now gives all its pages the same name, hammer through till there is somewhere you can select Service Catalog

Select : Service Catalog



Select `Affiliation\Experiment Computing Account Request

The screenshot shows the Fermilab ServiceNow portal interface. The top navigation bar includes the Fermilab logo, a welcome message for a guest user, and a search bar. Below the navigation bar, there are several tabs for different service categories: EPP, ATWK_2, Lbr, DSide, LAr, uBn, LOG, List, PHO, Email, PO2, Cnfrm, Req2, DS50A, JINST, DS_10, DSPICs, daqrm, ELOG, IFList, SceneREV, DSRM, IF, SN, ublog, DUNE, and DUNERev. The main content area is divided into three columns. The left column contains a 'Self-Service' section with links to 'Service Catalog', 'Core Computing Services', and 'Knowledge'. The middle column contains a 'Service Catalog' section with categories like 'Node Registration', 'Desktops, Laptops, & Workstations', and 'Accounts'. The right column contains a 'Something Broken' section with links to 'I'm having a problem with Scientific Computing', 'Lederman Science Center Exhibit', 'I'm having a hardware issue', 'Reset a Password', 'Report a Safety Concern or ES&H Suggestion', and 'Report a Service Outage or Incident'. The 'Accounts' category in the middle column is expanded, showing a list of account-related requests. The item 'Affiliation\Experiment Computing Account Request' is highlighted with a red circle.

ServiceNow

https://fermi.service-now.com

EPP ATWK_2 Lbr DSide LAr uBn LOG List PHO Email PO2 Cnfrm Req2 DS50A JINST DS_10 DSPICs daqrm ELOG IFList SceneREV DSRM IF SN ublog DUNE DUNERev

Fermilab

Welcome: Guest

Filter

Self-Service

- Self Service
- Service Catalog**
- Core Computing Services
- Knowledge
- My Current Requested Items
- My Watched Requested Items
- My Past Requested Items
- My Current Incidents
- My Watched Incidents
- My Past Incidents
- My Watched Enhancements
- My Watched Defects
- My Documentation Tasks
- My Testing Tasks
- All BSPTA Records
- BSPTA Search**
- My Current Approvals
- My Past Approvals
- My Profile
- Service Desk Contact Info
- Service Desk How To

Business Services Section

Service Catalog

Node Registration

- Register / Update / Unregister a Personally Owned Device
- Register / Update / Unregister an Institution/University Owned Device
- Register / Update / Unregister a Fermilab Owned Device

Desktops, Laptops, & Workstations

- Request Software
- Request a Loaner Laptop
- Order a New Computer, Monitor, and Peripherals
- Request for Industry Device Classification
- Unsupported Operating System Variance Request
- I need a network connection
- Scanner Farm Exemption Request

Accounts

- Computing Username & Primary Accounts
- Enterprise Systems Account Request
- Request Email Account
- Request FNALU Account
- Affiliation\Experiment Computing Account Request**
- Shared Service Account Request
- Captive Account Request

Email & Calendaring

- Request Email Account
- Shared Mailbox Request
- Request Inbox Size Increase
- Request Instant Messaging Client
- Request Help with Outlook
- Request Help with MacMail
- Request a New Listserv Mailing List
- Report Missing Email
- MX Record Variance Request

Something Broken

- I'm having a problem with Scientific Computing
- Lederman Science Center Exhibit
- I'm having a hardware issue
- Reset a Password
- Report a Safety Concern or ES&H Suggestion
- Report a Service Outage or Incident

Web & Collaboration

- Ask a question about the SharePoint 2013 migration
- SharePoint Site Request
- Request a website

When you put your name in the top left field (Requested For), the Kerberos Principal will be filled in automatically. The Affiliation/Experiment is DarkSide (E-1000); it is in the list near the top. You should get an email saying your account is setup, within a day (except I'm afraid at the weekends)

https://fermi.service-now.com

Search

EPP ATWK_2 LbrY DSide LAr uBn LOG List PHO EMail PO2 Cnfrm Req2 DS50A JINST DS_10 DSPICs daqrm ELOG IFList SceneREV DSRM IF SN ublog DUNE DUNERev LBNC FWKS >>

Toggle Navigator
ctrl + opt + n

Service Catalog

Logout

Filter

Self-Service

- Self Service
- Service Catalog
- Core Computing Services
- Knowledge
- My Current Requested Items
- My Watched Requested Items
- My Past Requested Items
- My Current Incidents
- My Watched Incidents
- My Past Incidents
- My Watched Enhancements
- My Watched Defects
- My Documentation Tasks
- My Testing Tasks
- All BSPTA Records
- BSPTA Search
- My Current Approvals
- My Past Approvals
- My Profile
- Service Desk Contact Info
- Service Desk How To

Service Catalog > Accounts > Affiliation\Experiment Computing Account Request

Search catalog

Order this Item

Submit

Account requested for

* Requested For

Kerberos Principal

undefined

Account Data

* Select Affiliation/Experiment

-- None --

* Institution Name

Computing Support Access Only?

More information

No

Submit

Any problems with this, please contact:

Stephen (stephen@fnal.gov), Yann (yguardincerri@gmail.com) and
Ken (kherner@fnal.gov)

Re Kerberos & ssh: **Almost Certainly Out-of-Date but left to identify the kerberizing requirement**

From Shawn Westerdale :

If you want to get Kerberos working, you should install the latest version of Kerberos on your computer (krb5). The latest version of Kerberos uses a stronger encryption method than what FNAL uses, though, so in order to be able to ssh into the FNAL machines, you have to enable weak encryption. To do so, go to your krb5.conf file (presumably located at /etc/krb5.conf) and under the [libdefaults] section, add the line: `allow_weak_crypto = true`

From the Fermilab folks:

Currently we support the weakest DES level of encryption and have plans to move to a default of 3DES (not sure when this will happen). We are starting the process to replace the KDCs (new hardware/new OS) and upgrade the KDC software (current release of Heimdal Kerberos probably). When that process completes, we will embark on upgrading to a high encryption level (AES-256 or something). All these changes will be announced as they approach.

Your question about "allow_weak_encryption" is correct. The default Fermilab krb5.conf is shipped with this enabled. See <http://security.fnal.gov/cookbook/> for the templates for non-SLF Linux and for Mac OS X (SLF gets krb5.conf via the krb5-fermi-config RPM).

Note that even once we move the default encryption level to a higher level, we will probably continue to (on the KDCs) allow weaker encryption levels due to not being able to control the clients precisely.